

1 BILL NO. S-82-11-02

2 SPECIAL ORDINANCE NO. S-208-82

3 AN ORDINANCE approving a bid document  
4 with Boardman's Gravely Sales for the  
5 Park Department, in connection with  
the Board of Park Commissioners.

6 BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF  
7 FORT WAYNE, INDIANA:

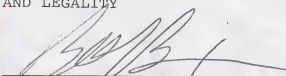
8 SECTION 1. That a certain bid document dated October  
9 19, 1982, reference number 1056, between the City of Fort  
10 Wayne, Indiana, by and through its Mayor and the Board of Park  
11 Commissioners, and Boardman's Gravely Sales, for:

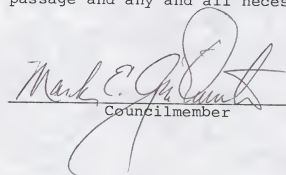
12 the purchase of two (2) 60" Riding Mowers  
13 for the Park Department;

14 involving a total approximate cost of Seven Thousand Eight  
15 Hundred and No/100 Dollars (\$7,800.00), all as more particularly  
16 set forth in said bid document, reference number 1056, and  
17 Purchase Order number A-20724, and which is on file in the Office  
18 of the Department of Purchasing and is by reference incorporated  
19 herein, made a part hereof and is hereby in all things ratified,  
20 confirmed and approved.

21 SECTION 2. That this Ordinance shall be in full force  
22 and effect from and after its passage and any and all necessary  
23 approval by the Mayor.

24  
25  
26 APPROVED AS TO FORM  
27 AND LEGALITY

28  
29   
Bruce O. Boxberger, City Attorney

  
Councilmember

Read the first time in full and on motion by Burns,  
seconded by Quinta, and duly adopted, read the second time  
by title and referred to the Committee Burns (and the City  
Plan Commission for recommendation) and Public Hearing to be held after  
due legal notice, at the Council Chambers, City-County Building, Fort Wayne,  
Indiana, on \_\_\_\_\_, the \_\_\_\_\_ day of  
\_\_\_\_\_, 19\_\_\_\_, at \_\_\_\_\_ o'clock \_\_\_\_\_ M., E.S.T.

DATE: 11-9-82

Charles W. Westerman  
CHARLES W. WESTERMAN - CITY CLERK

Read the third time in full and on motion by Quinta,  
seconded by Burns, and duly adopted, placed on its  
passage. PASSED (LOST) by the following vote:

	<u>AYES</u>	<u>NAYS</u>	<u>ABSTAINED</u>	<u>ABSENT</u>	<u>TO-WIT:</u>
<u>TOTAL VOTES</u>	<u>9</u>	_____	_____	_____	_____
<u>BRADBURY</u>	<u>✓</u>	_____	_____	_____	_____
<u>BURNS</u>	<u>✓</u>	_____	_____	_____	_____
<u>EISBART</u>	<u>✓</u>	_____	_____	_____	_____
<u>GIAQUINTA</u>	<u>✓</u>	_____	_____	_____	_____
<u>SCHMIDT</u>	<u>✓</u>	_____	_____	_____	_____
<u>SCHOMBURG</u>	<u>✓</u>	_____	_____	_____	_____
<u>SCRUGGS</u>	<u>✓</u>	_____	_____	_____	_____
<u>STIER</u>	<u>✓</u>	_____	_____	_____	_____
<u>TALARICO</u>	<u>✓</u>	_____	_____	_____	_____

DATE: 11-23-82

C. W. Westerman  
CHARLES W. WESTERMAN - CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne,  
Indiana, as (ZONING MAP) (GENERAL) (ANNEXATION) (SPECIAL)

(APPROPRIATION) ORDINANCE (RESOLUTION) NO. S-208-82

on the 23rd day of November, 1982.

ATTEST:

(SEAL)

C. W. Westerman  
CHARLES W. WESTERMAN - CITY CLERK

Samuel J. Talarico  
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on  
the 24th day of November, 1982, at the hour of  
11:30 o'clock A. M., E.S.T.

Charles W. Westerman  
CHARLES W. WESTERMAN - CITY CLERK

Approved and signed by me this 24th day of November  
1982, at the hour of 9 o'clock A. M., E.S.T.

Win Moses, Jr.  
WIN MOSES, JR. - MAYOR

BILL NO. S-82-11-02

REPORT OF THE COMMITTEE ON FINANCE

WE, YOUR COMMITTEE ON Finance TO WHOM WAS REFERRED AN  
ORDINANCE approving a bid document with Boardman's Cravely Sales  
for the Park Department, in connection with the Board of Park  
Commissioners

HAVE HAD SAID ORDINANCE UNDER CONSIDERATION AND BEG LEAVE TO REPORT  
BACK TO THE COMMON COUNCIL THAT SAID ORDINANCE Do PASS.

MARK E. GIAQUINTA, CHAIRMAN

PAUL M. BURNS, VICE CHAIRMAN

JAMES S. STIER

VICTOR L. SCRUGGS

DONALD J. SCHMIDT

*Mark E. Giaquinta*  
*Paul M. Burns*  
*James S. Stier*  
*Victor L. Scruggs*  
*DJ Schmidt*

11-23-82

CONCURRED IN  
DATE \_\_\_\_\_ CHARLES W. WINTERMAN, CITY CLERK

# Memorandum

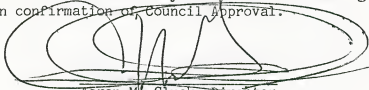
To Board of Park Commissioners Date October 26, 1982  
From Aaron M. Gluck, Director of Purchases  
Subject Bid Reference Number 1056

## COPIES TO:

Attached are copies of bids received for the purchase of two (2) Riding Rotary Mowers for the Park Department. Purchase Order Number A-20724 has been assigned to Boardman's Gravelly Sales.

Boardman's Gravelly Sales submitted the lowest bid for the purchase and was acceptable by the Park Department.

Please include the attached supporting information when this ordinance is submitted to City Council for Approval. Also, please insure that no confirming Purchase Order Number is given to Boardman's Gravelly Sales until Purchasing receives written confirmation of Council Approval.



Aaron M. Gluck, Director  
Department of Purchases

AMG/slh  
Attachments

CITY UTILITIES AND  
CIVIL CITY OF  
FORT WAYNE 1980

DEPARTMENT OF PURCHASES  
NUMBER ONE EAST MAIN STREET, ROOM 940  
FORT WAYNE, IN 46802

MAIL ALL CORRESPONDENCE, CLAIM VOUCHERS, ETC., TO:

BOARD OF PARK COMMISSIONERS 850  
705 EAST STATE BLVD  
FORT WAYNE IN 46803

BOARDMAN'S GRAVELLY SALES 9979-97  
1133 MANCHESTER AVENUE  
P.O. BOX 45  
LUBASH, IN 46992

DELIVER TO: DEPARTMENT OR DIVISION  
LAWTON PARK STOREROOM  
1900 NO CLINTON ST  
FORT WAYNE IN 46805

DATE 10/26/82  
REQ. NO. 01294

THE ABOVE INFORMATION MUST APPEAR ON ALL INVOICES,  
BILLS OF LADING, DELIVERY TICKETS, PACKAGES AND  
CORRESPONDENCE.

INVOICE IN DUPLICATE

XX CIVIL CITY

CITY UTILITIES

APPROPRIATION AND FUND NUMBER 1-21-121-P24-04-444

C020724 YT N/A

CASH DISCOUNT TERMS % IF PAID WITHIN DAYS FROM DELIVERY AND  
ACCEPTANCE OF GOODS OR PERFORMANCE OF SERVICES. (DEDUCTION FOR DISCOUNT SHOWN BELOW)

QUANTITY	UNIT	MATERIALS, SUPPLIES OR SERVICES	UNIT PRICE	AMOUNT
2	EA	TAX EXEMPT (UNLESS OTHERWISE INDICATED) 16600-5 60" RIDING LAWNMOWERS	3900.00	7800.00
PER BID REFERENCE NO. 1056:				
SUBJECT TO COUNCILMANIC APPROVAL				
ORDINANCE NO. _____				
DATE: _____				
FOR INFORMATION CONTACT PURCHASING 219-423-7677			TOTAL	7800.00

AGREEMENT WITH THE CITY DATE REQUESTED WILL AVOID CORRESPONDENCE	UNLESS OTHERWISE INDICATED THE PRICES SHOWN INCLUDE ALL CHARGES FOR DELIVERY, PACKING, ETC., NECESSARY TO COMPLETE DELIVERY TO DESTINATION SPECIFIED.	<b>NOTE</b>  READ INSTRUCTIONS ON THE BACK OF THIS ORDER	THE CONTRACTOR OR VENDOR, BY ACCEPTING THIS ORDER, AGREES TO THE GENERAL CONDITIONS AND TERMS OF AGREEMENT ON THE BACK OF THIS ORDER.	UNLESS OTHERWISE INDICATED, THE PRICES SHOWN DO NOT INCLUDE TAXES OF ANY KIND.  EXEMPTION BLANKS WILL BE FURNISHED WHEN NECESSARY.  INDIANA SALES TAX EXEMPTION CERTIFICATE NUMBER 034508-03	IF THIS ORDER DOES NOT AGREE WITH YOUR QUOTATION KINDLY RETURN IT WITH AN EXPLANATION.
------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------

I HEREBY CERTIFY THAT THE COST OF THE ABOVE PURCHASE IS FULLY COVERED BY  
UNENCUMBERED BALANCES IN THE ABOVE FUNDS AND THAT THE EXPENDITURE THERE-  
OF HAS BEEN DULY AUTHORIZED AND APPROPRIATED.

I HEREBY CERTIFY UPON MY OWN PERSONAL KNOWLEDGE THAT THIS ORDER IS AUTHORIZED  
BY A PROPERLY EXECUTED AND APPROVED REQUISITION ON FILE IN THIS OFFICE.

CITY CONTROLLER  
PER \_\_\_\_\_

DIRECTOR OF PURCHASES  
PER \_\_\_\_\_

10. b. b.

ITEM: Two Riding Rotary Mowers:

BID #4: 1056

PARK DEPARTMENT

BIDDER

[illegible]

**DEPARTMENT OF PURCHASES**  
 Number One Main St., Ft. Wayne, Ind. 46802  
**INVITATION**

Quotations subject to the conditions on the reverse hereof, are requested on the following list of materials, supplies, equipment or services, for the department as mentioned, with delivery to destination as shown below. Quotations shall include all charges for delivery, packing, etc. Address your reply as indicated below.

\*Mail all replies and correspondence, etc. to Attn of Aaron M. Gluck DEPARTMENT OF PURCHASES

Room 940, Number One Main St., Ft. Wayne, Ind. 46802

**REQUIRED FOR DELIVERY TO:**

Department Park Department  
 or Division 705 East State Street

Address Fort Wayne, IN 46805

**RETURN ORIGINAL TO THE CITY—RETAIN DUPLICATE COPY FOR YOUR FILE**

Closing

Time of Bid: Tuesday, October 19, 1982 at 10 a.m.

**TAKES: THE CITY IS EXEMPT FROM FEDERAL EXCISE AND INDIANA SALES TAX. THE CITY'S INDIANA SALES TAX EXEMPTION CERTIFICATE NUMBER IS NO. 1434. PRICES SHOULD NOT INCLUDE THESE TAXES. See "Instructions to Bidders" No. 10 on reverse hereof for details.**  
**TAX EXEMPT (Unless otherwise indicated)**

Quantity	Unit	Materials, Supplies, Equipment or Services	Unit Price	Total Amount
		Specifications for the purchase of two (2) 1982 or 1983 Riding Rotary Mowers.		
2		Cushman Model #50482	5,734.00	11,468.00
2		Toro Groundsmaster 62 Model #30790	5,734.00	11,468.00
		AFFIRMATIVE ACTION: ON FILE: <u>XX</u> ATTACHED: _____		
		* NOTE PRICES FIRM TILL NOV. 30,1982 *		

Bid Bond required ☐ NO ☒ YES 5% Performance Bond ☐ NO ☒ YES         
 Terms 0 % cash discount if paid within 0 days from delivery and acceptance of goods or completion of services.

**PROPOSAL OR BID**

In compliance with the above invitation for bids and subject to all conditions thereof, the undersigned offers and agrees, if this bid is accepted within a reasonable time from date of closing, to furnish any or all of the items or render such services upon which prices are quoted, in accordance with the specifications applying and at the price set opposite each item.

Delivery of any or all of the items or completion of services indicated shall be made within        days from receipt of order.

**IMPORTANT**

As delivery may be a deciding factor in the award of an order, it is important that bidders furnish the information requested above.  
 Sign Here:

**SUMMIT POWER EQUIPMENT DIST. INC.**

By Steve A. McHenry Vice-Pres.

Address 5326 KEYSTONE DRIVE

City FT. WAYNE IN. 46825

Date 10-13-



SPECIFICATIONS QUESTIONNAIRE

1. Engine: Meets specifications
2. Battery: Meets specifications
3. Cutter Desk: Meets specifications - except with a 1" to 4"  
height of cut range
4. Ground Speed Selector: Meets specifications
5. Drive Wheels: Meets specifications
6. Steering: Meets specifications
7. Braking: Meets specifications
8. Operator Safety Switch: Meets specifications
9. Safety Shielding: Meets specifications

Cost Per Unit: \$ 5,734.00

Delivery: 5 Days

Warranty: 1 Year

Terms: Net 30 Days after delivery

F.O.B.: Delivered

Make: Toro Groundsmaster 62

Model #30790



Make: Cushman

Model #50482

Make: 1982

1. Engine - 18 H.P. Overhead Valve, cast aluminum block with cast iron replacable cylinder jugs, air cooled gasoline, 12 volt electric start is standard, automotive type sleeve main bearings with forced lubrication from oil pump.
8. Machine stops but engine continues running. Machine complies with A. N. S. I. standards B71.4.

**TORO**

# **GROUNDMASTER 52 AND GROUNDMASTER 62**

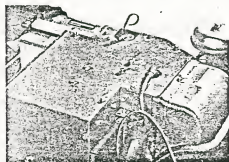


**These durable midsize 52" and 62" rotaries  
mow like garden tractors,  
trim close like walk mowers,  
and let one man do both faster.  
That's the productivity of professionals.**

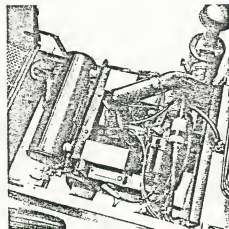
# Toro engineering makes our Groundsmaster 52 and Groundsmaster 62 deliver superior performance. And Toro durability keeps them that way longer.

## DURABILITY FEATURES:

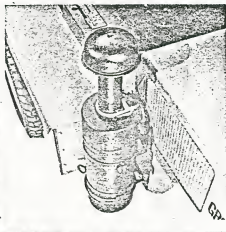
**POWER TO SPARE FROM ENGINES PAINSTAKINGLY TESTED AND SELECTED BY TORO ENGINEERS** to fit the machine and its applications:



**a.** Groundsmaster 52 has a 16 hp, 32.4 cu. in., cast-iron, air cooled Briggs & Stratton engine.



**b.** Groundsmaster 62 is powered by a 20 hp, 47.7 cu. in., twin cylinder, air cooled Onan engine for strong, quiet performance.



**HYDROSTATIC DRIVE** provides single pedal operation for forward/reverse speeds. Easy, smooth maneuverability with no clutch to wear out. Also, your operator gets superb speed control for all conditions. Infinitely variable speed up to 8.5 mph.

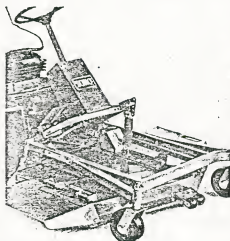


**HEAVY DUTY DONALDSON AIR CLEANER** is industrial type. Keeps your engine running longer by filtering out dirt and other contaminants before they can cause excessive wear. Allows dirt to be removed easily at the end of each day.

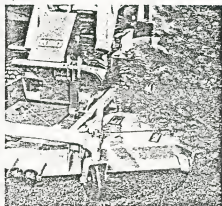


**RUGGED ROTARY BLADE SPINDLE** to stand up to bombardment of rocks and other debris. Toro uses a cone rather than a cylinder housing, and splines rather than keys, to better absorb shock loads. Timken "SS" bearings also used. All for greater durability.

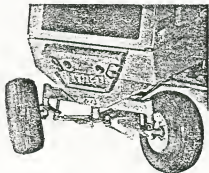
## PERFORMANCE FEATURES:



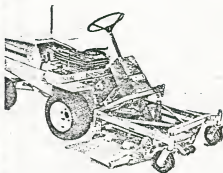
**P.T.O. DRIVE SHAFT** with mechanical engagement for decks or accessories. Avoids belt misalignments and makes changing from one accessory to another a breeze.



**OFFSET DECK OUT FRONT AND REAR WHEEL STEERING** for superior maneuverability. And the 52" and 52" decks are just right in size. Big enough to get the job done quickly and small enough to get into those tight spots. Both decks are offset 10 1/4 inches to give you one pass trimming around trees and obstacles. It's also ideal along curbs and beneath overhanging shrubs.



**EXCELLENT STABILITY** comes from 4 wide stance wheels plus low center of gravity. Front drive wheels and rear wheels are equipped with 4 ply rated tires. Both drive wheels have drum brakes controlled by individual pedals.



**CUTTING HEIGHT ADJUSTS EASILY** from 1 to 4 inches without tools. Simply pull four pins.

**FLOATING DECK** means more consistent cut, even over irregular terrain, because the cutting unit floats free of the prime mover. And, the entire deck raises hydraulically for fast, easy transport over obstructions like curbing.

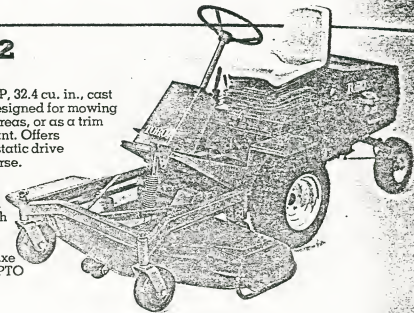
**OPERATOR STATION** features adjustable, molded cushion seat, or deluxe suspension seat for a smooth ride all day long. 15 inch steering wheel, hour meter and ammeter, all located for maximum comfort, convenience and efficiency. Safety interlock stops engine when operator leaves seat with PTO or traction pedal engaged.



# Team your Groundsmaster 52 or Groundsmaster 62 with any of these deck combinations.

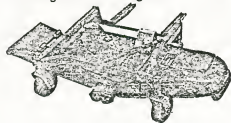
## GROUNDMASTER 52 PRIME MOVER.

Shown with floating 52" deck. Driven by a 16 HP, 32.4 cu. in., cast iron, air cooled Briggs and Stratton engine. Designed for mowing up to 2.8 acres/hour. Ideal for mowing small areas, or as a trim mower when maneuverability is most important. Offers variable ground speed up to 8.5 m.p.h. Hydrostatic drive for single pedal operation of forward and reverse. Excellent stability from 4 wide stance wheels plus low center of gravity. Front drive wheels and rear wheels are equipped with 4 ply rated tires. Both drive wheels have drum brakes with individual pedals for greater trimability that reduces an uncut circle to 0". Operator station has adjustable, molded cushion seat or a deluxe suspension seat for smooth ride all day long. PTO drive shaft makes accessory changes a snap.



## GROUNDMASTER 52 FLOATING DECK.

This three bladed, front mounted rotary unit offers full flotation in all directions, with rollers in front and back for reduced scalping. Ideally suited to cutting situations that involve hilly, uneven terrain. The Groundsmaster 52 with floating deck is capable of mowing up to 2.8 acres an hour at 5.5 m.p.h. Deck offset 10 1/4" to the left for greater trimability. Capable of a 0" uncut circle with brake assist. Has a 51 3/4" width of cut. Can cut from a height of 1" to 4" in 1/2" increments and has simple adjustment without tools. 5" deep 12 gauge stamped steel Wind Tunnel® housing for easier cutting and clippings discharge even on wet grass.



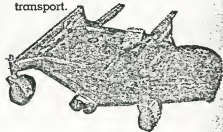
## GROUNDMASTER 52 STANDARD DECK.

The Groundsmaster 52 with standard deck is capable of mowing up to 2.8 acres an hour at 5.5 m.p.h. Unit has 51 3/4" width of cut with the three blade front mounted rotary deck. Deck offset 10 1/4" to the left. Can cut a 0" uncut circle with brake assist. Can be adjusted easily for a height of cut, from 3/4" to 4" in 1/4" increments, without tools. Has 5" deep, 12 gauge stamped steel Wind Tunnel® housing for easy cutting even on wet grass.



## GROUNDMASTER 52 FLOATING REAR DISCHARGE DECK.

Designed for controlled discharge of clippings to the rear center between wheels. Has full flotation design with front rollers to reduce scalping. Constructed from 12 gauge steel and is 3" deep. The 51 3/4" deck can mow up to 2.3 acres/hour at 4.5 m.p.h. Three bladed front mounted rotary is offset 10 1/4" to left for close trimming around obstacles and under overhangs. Adjusts from 1" to 4" in 1/2" increments without tools. Lifts hydraulically for transport.



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**GROUNDMASTER 52**

52" floating cutting deck  
52" standard cutting deck  
52" floating rear discharge cutting deck

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**GROUNDMASTER 62**

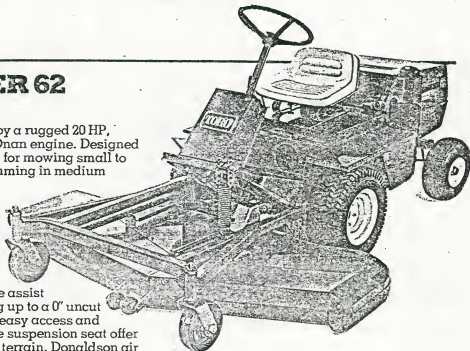
62" floating cutting deck  
52" floating cutting back  
52" standard cutting deck  
52" floating rear discharge cutting deck

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**GROUNDMASTER 62  
PRIME MOVER.**

Shown with floating 62" deck. Driven by a rugged 20 HP, 47.7 cu. in., twin cylinder, air cooled Onan engine. Designed for mowing up to 3.4 acres/hour. Ideal for mowing small to medium sized open areas, and for trimming in medium to large areas. Variable ground speed up to 8.5 m.p.h. Hydrostatic drive for single pedal forward/reverse. Four wide stance wheels with 4 ply rated tubeless tires. Front wheel traction drive. Rear wheel steering for greater maneuverability. Individual drum brakes for left and right traction wheels to allow for brake assist steering that makes possible trimming up to a 0° uncut circle. Operator controls designed for easy access and operation. Molded foam seat or deluxe suspension seat offer operator comfort even on the toughest terrain. Donaldson air cleaner standard. Tough commercial strength construction. PTO drive shaft for easy interchangeability of decks and accessories.



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**GROUNDMASTER 62  
FLOATING 62" DECK.**

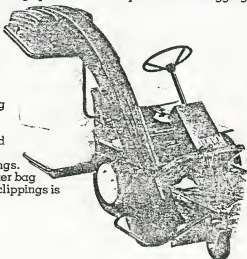
Capable of mowing up to 3.4 acres an hour at 5.5 m.p.h. Front mounted, three bladed, rotary deck has 61½" width of cut. Deck is offset 10¼" to the left for greatly increased trimability. Capable of 0° uncut circle with brake assist. Deck easily adjusts without tools for a height of cut from 1" to 4" in ½" increments. Rugged 5" deep 12 gauge steel welded construction for greater durability even in tough mowing conditions.



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**GROUNDMASTER  
GRASS COLLECTING SYSTEM.**

Designed to fit the Groundmaster 52 floating deck, the Grass Collecting System allows on-the-unit bagging of grass clippings. Utilizes a separate 16" diameter blower attached to the deck's discharge port that virtually eliminates clogging. A durable one-piece, high-density polypropylene chute directs the grass clippings back through a hinged hood mounted to the bag support system. A rear-mounted polyester bag for clippings is positioned inside the path of the cutter deck for easy maneuverability. Hinged hood on top of bag support opens easily for quick removal of grass bag. The grass collecting system comes standard with a polyester bag capable of holding 7 bushels of grass clippings. An optional dry condition polyester bag that will hold up to 10 bushels of clippings is also available.



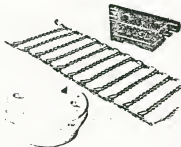
# These accessories make our Groundsmaster 52 and Groundsmaster 62 professionals for all seasons.



**SNOWTHROWER.** Big 48" two stage snowthrower with adjustable side skids and discharge chute. Electric chute rotator comes standard. Driftbreaker auger and oversized second stage clears snow in a hurry and prevents clogging.



**CAB WITH ROPS.** Completely enclosed vinyl cab turns your Groundsmaster into an all-weather vehicle. Includes ROPS. Heater and light kit available.



**WHEEL WEIGHTS/REAR WEIGHTS/TIRE CHAINS.** Toro offers wheel weights and tire chains for better traction when using accessories. Rear weights will help counter-balance front mounted accessories for better operation.



**LEAF MULCHER.** Made of heavy gauge steel, the leaf mulcher mounts under side discharge decks allowing blades to vacuum and pulverize fallen leaves.



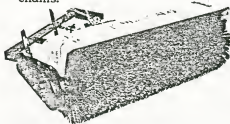
**V-PLOW.** Rugged, 48" V-plow for snow has front skid and reversible/replaceable scraper blades for low cost snow removal. Requires special mounting kit which includes tire chains.



**SPARK ARRESTOR MUFFLER.** Minimizes spark emissions.



**ROLL OVER PROTECTION SYSTEM.** Certified roll over protection system (ROPS) for greater operator safety conforms to OSHA regulations, includes seat belt for greater safety.



**ROTARY BROOM.** Tough 48 inch rotary broom sweeps parking areas, paths and walkways, saves hand labor.



**HIGH LIFT BLADES.** Provides additional lift for improved appearance in wet or heavy grass.



**SEAT OPTIONS.** Choose from adjustable, molded foam seat or deluxe suspension seat for operator comfort on your unit.

## PLUS, OUR MOST IMPORTANT ACCESSORY OF ALL. YOUR FULL SERVICE TORO DISTRIBUTOR.

When you need reliable maintenance and repair service, turn to your full service Toro distributor. He has highly trained people ready to serve you fast. A complete inventory of replacement parts. Plus other valuable services, like technical training for your operators. Whatever your needs in professional turf equipment, call your full service Toro distributor.



## GROUNDMASTER® 52 PRIME MOVER (MODEL NO. 30775)

<b>ENGINE</b>	Briggs & Stratton, 1 cylinder, 4 cycle, air-cooled 15 HP @ 3600 RPM, electric start. 32.4 cu. in. displacement. Splash oil system. 2 qt. oil capacity. I-beam alloy aluminum connecting rod, cast iron cylinder block, mechanical flyweight governor limits speed to 3200 RPM, vacuum fuel pump. Heavy duty remote mounted Donaldson Cyclopac air cleaner. Extra large muffler for reduced noise level. Optional spark arrestor muffler available from Briggs & Stratton.
<b>ELECTRICAL FEATURES</b>	12 volt, 65 plate, 57 amp-hour capacity battery. Dash-mounted ignition switch. 3.2 amp, 12 volt dual circuit alternator with 80-100 watt A.C. lighting circuit. Seat switch, PTO and traction interlock switches.
<b>WEIGHT</b>	770 lbs. prime mover with seat.
<b>CERTIFICATION</b>	Certified to meet ANSI specifications B71.1b. — 1977, and applicable Federal and State OSHA regulations based thereon.

## GROUNDMASTER® 62 PRIME MOVER (MODEL NO. 30790)

<b>ENGINE</b>	Onan in-line opposed cylinder, 4 cycle, air-cooled, 20 HP @ 3600 RPM, electric start. 47.7 cu. in. displacement. Gear driven oil pump for full pressure lubrication, remote mounted replaceable oil filter, and remote mounted engine oil cooler. 2 qt. oil capacity. System also incorporates low oil pressure shut-off switch and high cylinder head temperature shut-off switch. Alloy aluminum connecting rods. Peashooter iron cylinder liners cast into block. Mechanical flyball governor limits speed to 3200 RPM. Vacuum fuel pump. Heavy duty, remote mounted Donaldson Cyclopac air cleaner. Extra large muffler for reduced noise level. Optional spark arrestor muffler Part No. 46-2390.
<b>ELECTRICAL FEATURES</b>	12 volt, 42 plate, cold cranking 300 amperes at 0°F, 50 minute reserve capacity at 80°F, maintenance free battery. 15 amp, alternator with regulator. Seat switch, PTO and traction interlock switches.
<b>WEIGHT</b>	810 lbs. prime mover with seat.
<b>CERTIFICATION</b>	Certified to meet ANSI specifications B71.4-1980 with 62" deck, ANSI B71.1b. — 1977 for all 52" decks, and applicable Federal and State OSHA regulations based thereon.

## SPECIFICATIONS COMMON TO GROUNDMASTER 52 AND 62

<b>FUEL CAPACITY</b>	6.0 gallons gasoline.
<b>TRACTION DRIVE</b>	Variable hydrostatic transmission mounted on Dana GT20 axle — 20:1 ratio. Single foot pedal control of forward/reverse ground speed. 25 micron replaceable filter. 5 qt. oil capacity.
<b>GROUND SPEED/CLEARANCE</b>	0-8.5 MPH, infinitely variable. Ground clearance 5"
<b>TIRES/WHEELS/PRESSURES</b>	Two rear steering tires 15 x 6.00 — 6, tubeless 4 ply rating. Two front traction drive tires 20 x 8.00 — 10, tubeless 4 ply rating. Demountable tires. Recommended tire pressure 10-15 P.S.I. depending on moving conditions.
<b>MAIN FRAME</b>	All welded formed steel reinforced with square tubing.
<b>BRAKES</b>	Individual 7" x 14" drum type wheel brakes and parking brakes on front traction wheels. Dynamic braking through traction drive.
<b>STEERING</b>	Automotive steering gear assembly. 15" steering wheel.
<b>CONTROLS</b>	Hand operated throttle, choke, PTO, and hydraulic implement lift.
<b>GAUGES</b>	Hour meter and ammeter.
<b>SEAT</b>	Optional: Molded foam seat with leaf-spring suspension, Model No. 30765. Deluxe suspension seat, Model No. 30766. Both adjustable 4½" fore and aft.
<b>IMPLEMENT DRIVE</b>	1" diameter splined PTO shaft clutched by two "HA" torque team section tight-shack V-belt.

### 52" STANDARD CUTTING UNIT (MODEL NO. 30545)

<b>TYPE</b>	51½" width-of-cut, three blade, front mounted rotary.
<b>MOWING RATE</b>	Mows up to 2.8 acres/hour at 5.5 MPH depending on conditions.
<b>TRIMMING ABILITY</b>	Deck offset 10½" to the left from center line; deck offset 10½" to the left from outside of tire to trim side; 28" uncult circle left, 0" uncult circle with use of individual wheel brakes.
<b>HEIGHT OF CUT</b>	1½"-4", adjustable in ½" increments in front and 1" increments in rear.
<b>CONSTRUCTION</b>	12 gauge stamped steel, 5" deep, Wind-Tunnel® housing.
<b>CUTTER DRIVE</b>	PTO driven spiral bevel gear box "AA" section belt drive to all spindles. 1" reposable spindles with two ball bearings.
<b>BLADES</b>	Three 18" long, 3/16" thick, heat-treated steel blades.
<b>SUSPENSION</b>	Two 8" front wheels. Suspended off the prime mover at rear.
<b>LIFT</b>	Two hydraulic cylinders.
<b>WEIGHT</b>	190 lbs.
<b>CERTIFICATION</b>	Certified to meet ANSI B71.1b. — 1977, and applicable Federal and State OSHA regulations based thereon.

### 52" FLOATING CUTTING UNIT (MODEL NO. 30555)

<b>TYPE</b>	51½" width-of-cut, three blade, front mounted rotary.
<b>MOWING RATE</b>	Mows up to 2.8 acres/hour at 5.5 MPH depending on conditions.
<b>TRIMMING ABILITY</b>	Deck offset 10½" to the left from center line; deck offset 10½" to the left from outside of tire to trim side; 28" uncult circle left, 0" uncult circle with use of individual wheel brakes.
<b>HEIGHT OF CUT</b>	1½"-4", adjustable in ½" increments by relocating four pins at each corner of cutting unit.
<b>CONSTRUCTION</b>	12 gauge stamped steel, 5" deep Wind-Tunnel® housing.
<b>CUTTER DRIVE</b>	PTO driven spiral bevel gear box "AA" section belt drive to all spindles. 1" reposable spindles with two tapered roller bearings.
<b>BLADES</b>	Three 18" long, 3/16" thick, 2½" wide, heat-treated steel blades.
<b>CARRIER FRAME SUSPENSION</b>	Two 8" phenolic resin front wheels with reposable roller bearings. Suspended off the prime mover at rear. Front and rear deck rollers. Deck counter-balanced by spring between cutting unit and prime mover.
<b>LIFT</b>	Two hydraulic cylinders.
<b>WEIGHT</b>	220 lbs.
<b>CERTIFICATION</b>	Certified to meet ANSI B71.1b. — 1977, and applicable Federal and State OSHA regulations based thereon.

### 52" FLOATING REAR DISCHARGE CUTTING UNIT (MODEL NO. 30560)

<b>TYPE</b>	51½" width-of-cut, three blade, front mounted rotary.
<b>MOWING RATE</b>	Mows up to 2.3 acres/hour at 4.5 MPH depending on conditions.
<b>TRIMMING ABILITY</b>	Deck offset 10½" to the left from center line; deck offset 10½" to the left from outside of tire to trim side; trims on both sides; 28" uncult circle left, 0" uncult circle to left with use of individual wheel brakes.
<b>HEIGHT OF CUT</b>	1½"-4", adjustable in ½" increments by relocating four pins, one at each corner of the cutting unit.
<b>CONSTRUCTION</b>	12 gauge welded construction, 3" deep.
<b>CUTTER DRIVE</b>	PTO driven spiral bevel gear box "AA" section belt drive to all spindles. 1" reposable spindles with two tapered roller bearings.
<b>BLADES</b>	Three 18" long, 3/16" thick, 2½" wide, heat-treated steel blades.
<b>CARRIER FRAME SUSPENSION</b>	Two 8" phenolic resin front wheels with reposable roller bearings. Suspended off prime mover at rear. Front deck rollers. Deck counter-balanced by spring between cutting unit and prime mover.
<b>LIFT</b>	Two hydraulic cylinders.
<b>WEIGHT</b>	230 lbs.
<b>CERTIFICATION</b>	Certified to meet ANSI B71.1b. — 1977 Safety Specifications, and applicable Federal and State OSHA regulations based thereon.

### 62" FLOATING CUTTING UNIT (MODEL NO. 30562)

<b>TYPE</b>	61½" width-of-cut, three blade, front mounted rotary.
<b>MOWING RATE</b>	Mows up to 3.4 acres/hour at 5.5 MPH depending on conditions.
<b>TRIMMING ABILITY</b>	Deck offset 10½" to the left from center line; deck offset 10½" to the left from outside of tire to trim side; 28" uncult circle left, 0" uncult circle with use of individual wheel brakes.
<b>HEIGHT OF CUT</b>	1½"-4", adjustable in ½" increments by relocating four pins at each corner of cutting unit.
<b>CONSTRUCTION</b>	12 gauge steel, 5" deep Wind-Tunnel® housing, welded construction.
<b>CUTTER DRIVE</b>	PTO driven spiral bevel gear box "AA" section belt drive to all spindles. 1" reposable spindles with two tapered roller bearings.
<b>BLADES</b>	Three 18" long, 3/16" thick, 3" wide, heat-treated steel blades.
<b>CARRIER FRAME SUSPENSION</b>	Two 8" phenolic resin front wheels with reposable roller bearings. Suspended off prime mover at rear. Front and rear deck rollers. Deck counter-balanced by spring between cutting unit and prime mover.
<b>LIFT</b>	Two hydraulic cylinders.
<b>WEIGHT</b>	335 lbs.
<b>CERTIFICATION</b>	Certified to meet ANSI B71.1b. — 1977, and applicable Federal and State OSHA regulations based thereon.

	3054S CUTTER	3055S CUTTER	3056S CUTTER	3057S CUTTER	3057S SNOWTHROWER	3057S V-FLOW	3057S BROOM	3057S W/ROPS	3057S ROPS	3057S STANDARD SEAT	3057S DELUXE SEAT	3057S ARRESTOR MUFFLER
PRIME MOVER MODEL NO. 3077S	Opt.	Opt.	Opt.	—	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.
PRIME MOVER MODEL NO. 3079S	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.
GRASS COLLECTING SYSTEM MODEL NO. 3055S	—	Opt.	—	—	—	—	—	—	—	—	—	—
LEAF MULCHER MODEL NO. 3070S	Opt.	Opt.	—	—	—	—	—	—	—	—	—	—
LEAF MULCHER MODEL NO. 3071S	—	—	—	Opt.	—	—	—	—	—	—	—	—
V-FLOW MOUNTING KIT MODEL NO. 3075S	—	—	—	—	—	Req.	—	—	—	—	—	—
SNOWTHROWER ADAPTER KIT MODEL NO. 3057Z	—	—	—	—	Req.	—	—	—	—	—	—	—
TIRE CHAINS PART NO. 28-5470	—	—	—	—	Opt.	Incl.	Opt.	—	—	—	—	—
WHEEL WEIGHTS PART NO. 28-1270	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.	—	—	—	—	—
REAR WEIGHT KIT PART NO. 24-5780	Opt.	Opt.	Opt.	Opt.	Req.	Opt.	Opt.	—	—	—	—	—
HIGH LIFT BLADE MODEL NO. 44-5480	—	Opt.	—	—	—	—	—	—	—	—	—	—

LEAF MULCHER	
Optional attachment of 12 gauge steel with 1/4" diameter staggered holes. Mounts under side discharge deck. Model No. 3070S fits cutting units # 3054S, 3055S; Model No. 3079S fits cutting unit # 3056S.	
GRASS COLLECTING SYSTEM (MODEL NO. 3055S) FOR 52" FLOATING CUTTING UNIT	
<b>CONSTRUCTION</b> Blower assembly housing is 18" diameter; three piece welded construction. The blower assembly attaches to the discharge port of Model #3055S cutting unit. Impeller speed is 1650 RPM max. @ 3200 RPM engine speed. Chute is one piece, made of black, high density polypropylene material used to direct debris into bag. Hinged hood, Mounted to bag support assembly, is made of black high density polypropylene. Air exhausted through riveted metal screen in hood. Rectangular bag support is welded to frame of steel tubing. Bottom pan is black high density polypropylene riveted to a welded tubular steel frame. The bag support assembly mounts to the right side of traction unit and supports a polyester grass bag. Bumper of steel tubing is bolted to deck suspension frame to protect blower housing. Includes deck baffling and mounting bracket.	
<b>CAPACITY</b>	Polyester bag 80" dia. x 45" high — approximately 7 bushels. Optional dry condition polyester bag 54" dia. x 45" high — approximately 10 bushels. Part No. 43-0380.
<b>OPTIONAL ACCESSORIES</b>	18" high lift blades for improved wet grass bagging, Part No. 44-5480. Elastic retaining cord allows use of 30+ gallon plastic trash bags, Part No. 36-7770.
<b>DIMENSIONS</b>	67" high, 120" long, 68" wide, installed.
<b>WEIGHT</b>	123 lbs. — grass collecting system only.
<b>CERTIFICATION</b>	Certified to meet ANSI B71.1b — 1977 and applicable Federal and State OSHA Regulations based thereon.
V FLOW (MODEL NO. 3075S)	
<b>CONSTRUCTION</b>	48" heavy gauge steel construction with front skid and reversible/replaceable scraper blades.
<b>WEIGHT</b>	210 lbs.
V FLOW MOUNTING KIT (MODEL NO. 3075S)	
<b>CONSTRUCTION</b>	Consists of push arm attaching brackets. Required for mounting V Flow.
<b>WEIGHT</b>	50 lbs.
<b>ACCESSORIES</b>	Tire chains included (Part No. 28-5470).
SNOWTHROWER (MODEL NO. 3057S; 3057Z ADAPTER KIT)	
<b>TYPE</b>	48" two stage with adjustable side skids and discharge chute.
<b>WEIGHT</b>	340 lbs.
<b>ACCESSORIES</b>	Two optional rear weight kits required (Part No. 24-5750).
ROTARY BROOM	
<b>TYPE</b>	48" wide. Consult with your Toro distributor for manufacturer's specifications.
CAB WITH ROPS	
<b>CONSTRUCTION</b>	4 post ROPS all steel tubular frame construction with contrasting steel canopy. Includes seat belt, seat retention kit and perforated foam headliner. OPTIONAL Vinyl enclosure kit consists of reinforced heavy duty vinyl fabric with left side heavy gauge wide frame door. Enclosure kit includes tinted safety glass windshield, velcro fastening kit, latching door handle, and floor mat.
<b>CERTIFICATION</b>	Certified to meet OSHA standard 1928.51(b)(1).
<b>ELECTRICAL FEATURES</b>	OPTIONAL Lights kit includes front headlight rear work light, and roof-mounted flashing amber beacon. OPTIONAL Single speed windshield wiper and defroster fan for cab installation.
<b>WEIGHT</b>	4 Post ROPS with canopy 110 lbs.; enclosure kit — 60 lbs.

OVERALL DIMENSIONS AND WEIGHTS (APPROX.)				
	LENGTH	WIDTH	HEIGHT	WEIGHT
<b>TRACTION UNIT #3077S</b>	74"	42"	48"	770 lbs.
<b>W/3054S CUTTING UNIT</b>	95"	65"	48"	980 lbs.
<b>W/3055S CUTTING UNIT</b>	97.5"	65"	48"	990 lbs.
<b>W/3056S CUTTING UNIT</b>	97.5"	53.5"	48"	1,000 lbs.
<b>W/GRASS COLLECTING SYSTEM</b>	97.5"	68"	57"	
<b>W/SNOWTHROWER</b>	102"	51"	48"	
<b>W/V-FLOW</b>	99"	48"	48"	
<b>W/BROOM</b>	118.5"	53"	48"	
<b>W/ROPS</b>	N/A	42"	74.5"	
<b>W/CAB</b>	N/A	42"	74.5"	
<b>TRACTION UNIT #3079S</b>	78"	42"	48"	810 lbs.
<b>W/3056S CUTTING UNIT</b>	106"	74"	48"	1,145 lbs.
<b>W/3054S CUTTING UNIT</b>	99"	63"	48"	1,000 lbs.
<b>W/3055S CUTTING UNIT</b>	101.5"	65"	48"	1,030 lbs.
<b>W/3056S CUTTING UNIT</b>	101.5"	53.5"	48"	1,040 lbs.
<b>W/GRASS COLLECTING SYSTEM</b>	101.5"	68"	57"	
<b>W/SNOWTHROWER</b>	105"	51"	48"	
<b>W/V-FLOW</b>	103"	48"	48"	
<b>W/BROOM</b>	123.5"	53"	48"	
<b>W/ROPS</b>	N/A	42"	74.5"	
<b>W/CAB</b>	N/A	42"	74.5"	

ACCESSORIES			
DESCRIPTION	MODEL/ PART NO.	DESCRIPTION	MODEL/ PART NO.
<b>TIRE CHAINS — 20 LBS.</b>	28-5470	<b>STANDARD SEAT</b>	3076S
<b>WHEEL WEIGHTS — 100 LBS.</b>	28-1270	<b>DELUXE SUSPENSION SEAT</b>	3076E
<b>REAR WEIGHT KIT — 20 LBS.</b>	24-5780	<b>SPARK ARRESTOR MUFFLER — MODEL NO. 3077S</b>	
<b>HIGH LIFT BLADE (ONE BLADE)</b>	44-5480	<b>MODEL NO. 3079S</b>	See Briggs & Stratton 46-2390

(\*Specifications and design subject to change without notice.)

## COMMERCIAL PRODUCTS



**THE PROFESSIONALS**  
**THAT KEEP YOU CUTTING.**

Toro is a registered trademark of The Toro Company.  
8111 Lyndale Ave. So., Minneapolis, Minnesota 55420.

# CUSHMAN<sup>®</sup> FRONT LINE<sup>™</sup>

SEASON AFTER SEASON  
IT STANDS TO REASON





# ENGINES

## GASOLINE ENGINE SPECIFICATIONS

MODEL 898804

Model	OMC
Bore and Stroke	3.5" x 2.25"
Displacement	43.3 cubic inches (710 cc)
Horsepower	18
Type	OHV, 4-cycle, 2 cylinder, air cooled, balanced and ducted
Valves	Forged heat treated steel, Ni resist valve seats
Carburetor	Horizontal type, float feed
Air Cleaner	Large capacity dry type w/pre-cleaner
Oil Capacity	5 pints (with filter)
Lubrication	Gear pump
Electrical System	12V negative ground
Alternator	42 Amp
Governor	Flyweight type

## WEIGHTS AND DIMENSIONS

Length	111 1/4" w/72" mower deck; 108" w/60" mower deck
Width (chute up for transporting)	78" w/72" mower deck; 66" w/60" mower deck
Height	48" over top of steering wheel
Wheelbase	46 1/4"
Tread Width (centerline)	40 1/4"
Ground Clearance	T
Weight	1,277 lbs. w/72" mower deck; 1,247 lbs. w/60" mower deck

## DIESEL ENGINE SPECIFICATIONS

MODEL 898805

Model	C75 610L
Engine Type	4-cycle, water cooled, naturally aspirated
Cylinder Arrangement	Horizontal 2
Bore & Stroke	3.07" x 3.15" (78mm x 80mm)
Cylinder Volume	46.6 cu. in. (0.764 L)
Compression Ratio	23
Starting System	Electric Motor
Fuel Oil	Diesel Fuel oil (ASTM No. 2-D)
HP/gpm	(SAE J8166) without fan
Maximum	17/3,000
Alternator	12V, 15A
Fuel Filter	Paper element type
Governor	Mechanical centrifugal type
Glow Plug	12V sheshted type
Lub. Oil Filter	Full flow paper element type
Oil Capacity	6.4 pints (3.0L)
Starting Motor	12V 1.6KW
Cooling Condenser	With cooling fan
Aircleaner	Centrifugal pre-cleaner with dry paper filter
Fuel Injection Pump	Bosch type

## WEIGHTS AND DIMENSIONS

Length	111 1/4" w/72" mower deck; 108" w/60" mower deck
Width (chute up for transporting)	78" w/72" mower deck; 66" w/60" mower deck
Height	48" over top of steering wheel
Wheelbase	46 1/4"
Tread Width (centerline)	40 1/4"
Ground Clearance	T
Weight	1,347 lbs. w/72" mower deck; 1,317 lbs. w/60" mower deck



There's no better way to describe the mowing machinery we call the Cushman Front Line.

It's a mower that was designed around one of the world's most proven turf maintenance engines. It's a mower that's built rugged, to dish out more work hours than you've ever had.

In short, it's the only mower tough enough to carry the Cushman® name.

### DIESEL OR GAS, THE FRONT LINE HAS THE STAYING POWER REQUIRED.

When Cushman engineers set out to build the turf industry's most dependable mower, they

had a big advantage already going for them.

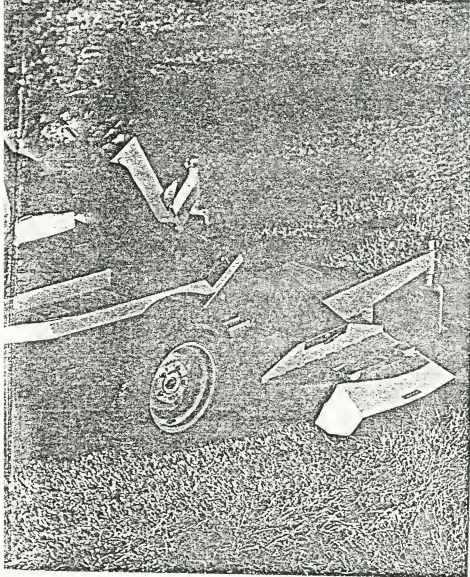
They had the 18-hp OMC engine. The same reliable, gas-powered engine that drives thousands of Cushman vehicles all over the world.

It's a solidly built, air-cooled engine based on a 2-cylinder design. And it packs enough power to keep the blade speed up when you're mowing through tall weeds and grass.

So don't count on getting bogged down in a Front Line.

If you prefer diesel, the Front Line still makes powerful sense. It can be equipped with a water-cooled, 2-cylinder diesel.

# INSIVE



the up-and-down shock of the moving deck to the tractor, producing smoother mowing and adding additional traction regardless of terrain.

And because a precise cut is just as important as a smooth cut, we gave the Front Line an 8-position height adjustment. Also, the mower deck extends more than a foot to one side to let you trim right up to fences or trees.

All in all, you couldn't ask for a more professional cut.

## IT MOVES LIKE NO OTHER MOWER.

You'll find a lot of good, commonsense engineering in

the Front Line. Engineering that makes it a joy to operate.

Its unique 3-wheel design and split traction assist pedals give you a zero turning radius.

It's a breeze to run: just turn the key and go. A rocking foot pedal controls forward, reverse and speeds, leaving your hands free to steer. And a hand lever at your side hydraulically lifts the mower deck for transport over curbs.

Finally all of the hand controls are conveniently located and easy to use. So you can concentrate more on your mowing, and less on your mower.

## TRACTOR UNIT

### SPECIFICATIONS

MODELS 898804 AND 898805

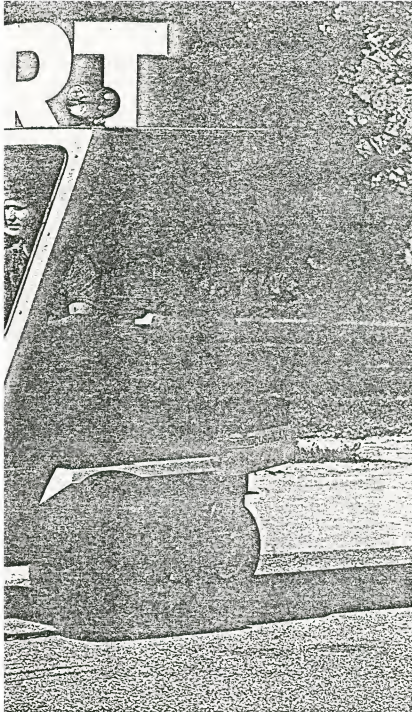
<b>Transmission</b>	Eaton Model 11 Hydrostatic transmission pled to worm differential
<b>Differential</b>	OMC worm drive 15.67:1
<b>Steering</b>	Sprocket and chain reduction cable control rear wheel steering
<b>Traction Assist</b>	Split foot pedal operation, drum type brake each traction wheel
<b>Brake</b>	Drum type, mechanically operated with parking brake
<b>Wheels</b>	Steel stamped disc type
<b>Tires</b>	Front 23 x 8.50-12 Softac; Rear 16-6.50 x 8 Zero
<b>Turning Radius</b>	121" (tractor only), 145" (w/12" deck); 144" (w/ deck)
<b>Outside Turning Circle</b>	121" (tractor only), 145" (w/12" deck); 144" (w/ deck)
<b>Hydraulic System</b>	Separate 15 gallon reservoir, large volume flow 10 micron filter, with oil cooler
<b>Implement Lift</b>	Single 2" bore cylinder controlled by 3 position valve activated by hand control lever
<b>PTO Drive</b>	Direct line from engine to implement, belt drive multiple disc clutch
<b>Instruments</b>	Hourmeter, fuel gauge, Hydrosat oil temperature gauge, oil pressure and alternator indicator lights
<b>Controls</b>	Hand throttle and choke, foot pedal for forward reverse speed, key operated ignition switch
<b>Seat</b>	High back, foam cushioned, sewn vinyl covering spring suspended, adjustable fore/aft
<b>Ground Speeds</b>	
Forward	7 mph
Reverse	3 mph
<b>Fuel Tank</b>	6 gallons, terneplated steel

## MOWER

### SPECIFICATIONS

MODEL 885120, 885374, 885390, 885391

<b>Mower Drive</b>	Driveshaft from tractor PTO to right angle splined bevel gear box on mower deck. Belt drive mower spindles
<b>Deck Construction</b>	Heavy gauge welded steel, reinforced at welds and stress points
<b>Spindles</b>	(3) 1" spindles, each carried in 2 regreasable single-row ball bearings
<b>Front Casters</b>	Heavy-duty 10.25" x 3/4" semi-pneumatic
<b>Blades</b>	Heat-treated steel
72"	25" long, 2 1/2" wide, .187" thick
60"	21" long, 2 1/2" wide, .187" thick
<b>Cutting Height</b>	1" to 4 1/2" in 1/2" increments
<b>Height Adjust</b>	Two adjustable front casters Two adjustable rear mounts
<b>Deck Overhang 72"</b>	Left 15"
<b>Deck Overhang 60"</b>	Left 10"



## TRACTOR UNIT

### SPECIFICATIONS

#### MODELS 898804 AND 898805

<b>Transmission</b>	Eaton Model 11 Hydrostatic transmission coupled to worm differential
<b>Differential</b>	OMC worm drive 15 67:1
<b>Steering</b>	Sprocket and chain reduction cable controlled rear wheel steering
<b>Traction Assist</b>	Split foot pedal operation, drum type brake on each traction wheel
<b>Brake</b>	Drum type, mechanically operated with parking brake
<b>Wheels</b>	Steel stamped disc type
<b>Tires</b>	Front: 23 x 8.90-12 Softrac; Rear: 15-5.50 x 8
<b>Turning Radius</b>	Zero
<b>Outside Turning Circle</b>	121" (tractor only); 148" (w/72" deck); 144" (w/60" deck)
<b>Hydraulic System</b>	Separate 15 gallon reservoir, large volume full flow 10 micron filter, with oil cooler
<b>Implement Lift</b>	Single 2" bore cylinder controlled by 3 position valve activated by hand control lever
<b>PTO Drive</b>	Direct line from engine to implement, heavy-duty multiple disc clutch
<b>Instruments</b>	Hourmeter, fuel gauge, Hydrosat oil temperature gauge, oil pressure and alternator indicator lights
<b>Controls</b>	Hand throttle and choke, foot pedal for forward, reverse speed, key operated ignition switch
<b>Seat</b>	High back, foam cushioned, sewn vinyl cover, spring suspended, adjustable fore/aft
<b>Ground Speeds</b>	
Forward	7 mph
Reverse	3 mph
<b>Fuel Tank</b>	6 gallons, terneplated steel

## MOWER

### SPECIFICATIONS

#### MODEL 885120, 885374, 885390, 885391

<b>Mower Drive</b>	Driveshaft from tractor PTO to right angle spiral bevel gear box on mower deck. Belt drive to 3 mower spindles
<b>Deck Construction</b>	Heavy gauge welded steel, reinforced at wear and stress points
<b>Spindles</b>	(3) 1" spindles, each carried in 2 regreaseable single-row ball bearings
<b>Front Casters</b>	Heavy duty 10.25" x 3 3/4" semi pneumatic
<b>Blades</b>	Heat treated steel
72"	23" long, 2 1/2" wide, .187" thick
60"	21" long, 2 1/2" wide, .187" thick
<b>Cutting Height</b>	1" to 4 1/4" in 1/4" increments
<b>Height Adjust</b>	Two adjustable front casters Two adjustable rear mounts
<b>Deck Overhang 72"</b>	Left 15"
<b>Deck Overhang 60"</b>	Left 10"

### KNOWS YOU DON'T HAVE TIME WASTE ON MAINTENANCE.

Maintenance is a fact of life with y mower, but nobody says it has to be complicated.

The Front Line's mower deck ver removes with just two nple wing nuts. So you can rvice the belts and pulleys fast. Grease fittings for the idler rot and blade spindles are ated above the deck, not low it. So lubrication just takes minute.

Special wash-out holes are illed into the 72" deck, so lected debris can be flushed t during normal maintenance.

The idler pulleys are self-adjusting, eliminating the need to adjust the tension on the belts.

Last but not least, you'll be glad to know that your nearby Cushman dealer stocks the parts you need for your Front Line. He's also an authorized service mechanic on every component, including both engines.

And best of all, he's available now to give you a free, no-strings-attached demonstration of the Front Line.

On your grounds. And at your convenience.



## OPTIONS

### ROLL BAR AND CAB ENCLOSURE 4-POST ROLL BAR, ACCESSORY SET #885537

<b>Features</b>	14" x 14" x 12 gauge tubing constructed roll bar with sun shade canopy. Cushman matched colors.
<b>Certification</b>	This roll bar has been statically tested as described by OSHA Standard 1928.51 (b)(1).
<b>Standard Equipment</b>	Seat belt
<b>Optional Equipment</b>	Light kit

### CAB ENCLOSURE ACCESSORY SET #885260

(Requires Roll Bar Accessory Set #885537)

<b>Features</b>	Steel front panel with windshield. Removable cloth side door, side panel, and rear panel.
<b>Certification</b>	This cab has been statically tested as described by OSHA Standard 1928.51 (b)(1).
<b>Standard Equipment</b>	Safety plate windshield, electric windshield wiper, sound insulated panels, seat belt.
<b>Optional Equipment</b>	Light kit

## SNOW THROWER

<b>Thrower Drive</b>	Driveshaft from tractor PTO to right angle spiral bevel gear box mounted on the thrower frame.
<b>Thrower Construction</b>	Heavy gauge welded steel
<b>Width of Cut</b>	48"
<b>Auger Speed</b>	960 RPM at 3420 RPM eng. speed
<b>Auger Size</b>	15A" dia.
<b>Front Opening Height</b>	24"
<b>Discharge Spout Opening</b>	8" dia.
<b>Spout Discharge Distance</b>	10' 50"
<b>Capacity, Pounds Per Minute</b>	Up to 5,000 lbs.
<b>Shear Pin Protection</b>	
<b>Adjustable Deflector on Discharge Chute</b>	
<b>Adjustable Sled Shoes</b>	
<b>Electric Spout Rotator</b>	
<b>Spout Rotation Arc</b>	210°
<b>Replaceable Scraper Blade</b>	
<b>Heat Treated Jackshaft &amp; Sprocket</b>	
<b>Tire Chains Required</b>	
<b>Shipping Weight</b>	290 lbs.

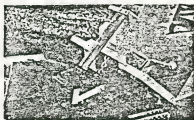
## BRUSH SPECIFICATIONS

<b>Brush</b>	Fixed angle 30° to the right
<b>Brush Material</b>	Polypropylene spiral wrap
<b>Brush Speed</b>	Eng. speed 1800 RPM = 270 RPM. Eng. speed 2400 RPM = 360 RPM
<b>Dimensions</b>	20" diameter, 60" in length with a sweeping path of 58"
<b>Broom</b>	Replaceable as a unit. Mounted with 7/8 bore, self-aligning radial ball bearings with grease fittings.
<b>Hood Material</b>	16 gauge steel, reinforced and welded ends
<b>Brush Frame</b>	Rugged duty
<b>Control</b>	Brush lift uses the tractor hydraulic implement lift control. Brush engagement is accomplished by engaging and disengaging PTO. Broom down pressure may be controlled by either limiting stroke of lift cylinder, or if in "float" position by adjustment of balance spring.
<b>Mechanical Drive</b>	Driveshaft from tractor PTO to right angle gear box through a set of double chain sprockets with No. 40 chain drives the broom.
<b>Gear Box</b>	Heavy duty cast iron box. Hardened steel gears submerged in oil bath for continuous lubrication. Tapered roller bearings. Ratio 2:1
<b>Approximate Weight</b>	275 lbs.
<b>Overall Dimensions</b>	66" long, 48" wide, 25" high

## EVERY MOWER SHOULD BE BUILT LIKE THIS:



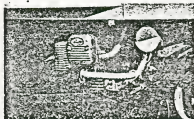
Choice of 60" or 72" mower decks both feature overlapping blades for a thorough cut.



Optional spring transfer set provides additional traction.



3-wheel design and traction assist pedals give you a zero-turning radius.



The turf industry's most proven gas engine: the 18-hp OMC.



Optional diesel power for even greater economy.



Hydraulic and throttle controls conveniently located next to operator's seat.



Optional snowthrower and sweeper attachments make the Front Line a machine for all seasons.



Optional anti-scalp rollers at rear of mower deck prevent scalping on undulating turf.



Grease fittings are above the deck for easy, fast servicing.



Roll-Over Protection Structure and cab options protect you from the weather.

# CUSHMAN®

OMC Lincoln, A Division of Outboard Marine Corporation.  
Makers of Johnson® Evinrude® Ryan®  
and Lawn-Boy® powered products.  
P.O. Box 82409, Lincoln, NE 68501



**DEPARTMENT OF PURCHASES**  
 Number One Main St., Ft. Wayne, Ind. 46802  
**INVITATION**

Conditions, subject to the conditions on the reverse hereof, are requested on the following list of materials, supplies, equipment or services, for the department as mentioned, with delivery to destination as shown below. Conditions shall include all charges for delivery, packing, etc. Address your reply as indicated below.

Page 1 of 6Ref. No. 1056Date September 20, 1982Date wanted 10/19/82Fund  
Appropriation No. \_\_\_\_\_Mail all replies and correspondence, etc. to Attn. of Aaron M. Gluck DEPARTMENT OF PURCHASES

Room 940, Number One Main St., Ft. Wayne, Ind. 46802

**REQUIRED FOR DELIVERY TO:**

Department or Division Park Department  
705 East State Street  
 Address Fort Wayne, IN 46805

**RETURN ORIGINAL TO THE CITY — RETAIN DUPLICATE COPY FOR YOUR FILE**Closing Time of Bids Tuesday, October 19, 1982 at 10 a.m.

TAXES: THE CITY IS EXEMPT FROM FEDERAL EXCISE AND INDIANA STATE SALES TAX. THE CITY'S INDIANA SALES TAX EXEMPTION CERTIFICATE NUMBER IS NO. 1434. PRICES SHOULD NOT INCLUDE THESE TAXES. See "Instructions to Bidders" No. 18 on reverse hereof for details.  
**TAX EXEMPT (Unless otherwise indicated)**

Quantity	Unit	Materials, Supplies, Equipment or Service	Unit Price	Total Amount
		Specifications for the purchase of two (2) 1982 or 1983 Riding Rotary Mowers.		
		KUT-KWICK HT 1601-60	5275.00	10,550.00
* PRICES IN EFFECT UNTIL NOVEMBER 19, 1982				
AFFIRMATIVE ACTION:				
ON FILE: <u>X</u> ATTACHED: _____				

Bid Bond required ☐ NO ☒ YES 5% Performance Bond ☐ NO ☒ YES  
 See Instruction Item No. 18 on reverse side hereof.  
 Terms 0 % cash discount if paid within 0 days from delivery and acceptance of goods or completion of service

**PROPOSAL OR BID**

In compliance with the above invitation for bids and subject to all conditions thereof, the undersigned offers and agrees, if this bid be accepted within a reasonable time from date of closing, to furnish any or all of the items or render such services upon which prices are quoted, in accordance with the specifications applying and at a price as opposite each item.

Delivery of any or all of the items or completion of services indicated shall be made within 30 days from receipt of order.

**IMPORTANT**

As delivery may be a deciding factor in the award of an order, it is important that bidders furnish the information requested above.  
 (See Instructions to Bidders)

**KUT-KWICK CORPORATION**Name of Company ROBERT L. NORTH Title SALES MANAGERAddress P.O. BOX 984City BRUNSWICK, GA. 31521 Date 10/

### SPECIFICATIONS QUESTIONNAIRE

1. Engine: 16 HP cast iron, air cooled 4 cycle gasoline with 12 V starter.
2. Battery: 12V 15 Amp. - battery mount standard.
3. Cutter Deck: See below:
4. Ground Speed Selector: 5 positive forward speeds, a positive neutral, and a reverse.
5. Drive Wheels: Two drive wheels with 23 x 12, 4 ply, pneumatic tires mounted on steel, disc-type wheels.
6. Steering: Hand steering wheel design. The wheel under the vertical hinged rider is turned with a heavy rack and pinion.
7. Braking: See below:
8. Operator Safety Switch: Attached to operator - cuts off and stops the machine should operator separate from machine.
9. Safety Shielding: All belts and drive mechanism shielded.

Kut-Kwick Model:

Cost Per Unit: \$ 5,275.00

H-1601-60

Delivery: 30 ARO

Warranty: Standard warranty

Terms: Net 30

F.O.B.: Destination

3. Caster type - extra heavy duty caster type deck. Free floating - "semi-rigid" deck design - cutter assembly rigidly supports the chassis from the front while pivoting to the side to contour with the turf. Front mounted - front mounted. Adjustable cut - adjustable 1"-5". 60" - extra heavy duty commercial 60" deck. Three one inch cutter shaft spindles - three 1" diameter shafts made of hardened ground alloy steel, each supported by two precision ball bearings enclosed in heavy machined housing. Reinforced 12 gauge steel - deck is a welded assembly with 1/4" steel frame, decked with 11 gauge steel. Twin V belt - twin V belts. Impact protection on blade mount adapter. Deck must float freely independent of opposite side of deck - semi rigid deck as described above. Rear discharge - for safety, mulches and distributes grass clippings evenly behind deck.
7. Braking - accomplished by shifting the speed selector of the moving machine toward neutral, automatically stopping the machine in less than one foot per mile per hour of speed, through the integrally engaged drive system. When in neutral, the machine's movement is braked whether or not the engine is running, allowing only moderate creep on slopes.

*Tough mowers...  
from rough cut  
to smooth finish.*



## The HT Series

HT-100, 136 or 148 HT-160, 186 or 198 HT-260

EXTRA HEAVY DUTY COMMERCIAL ROTARY MOWER

Superior performance, lowest maintenance for continuous service in finish or rough cutting. Mows 36", 48" or 60" cuts at optimum mowing speed, trims and maneuvers while assuring maximum operator comfort. Special The 36" model offers single blade power and simplicity.

**kuik-kuick**

Telephone 912/285-1630  
Brunswick, Georgia 31520



### STANDARD SPECIFICATIONS:

Mower, riding, 36" (or 48" or 60") cut, rear discharge, outfront rotary with steering wheel, self-propelled with 5 positive forward speeds, a positive neutral, and a reverse. Powered by a 10 hp (or 16 hp) engine, equipped with a caster-type, "semi-rigid" deck.

### OTHER STANDARD DESIGN FEATURES:

**Operator Safety Switch**—Functions as an ignition key. Must be attached to the operator so that it functions as an emergency brake and safety switch. It cuts off and stops the machine should the operator separate himself from the machine for any reason.

**Steering Wheel and Rider**—The wheel under the vertically hinged rider is turned with a heavy rack and pinion.

**Braking**—Accomplished by shifting the speed selector of the moving machine toward neutral, automatically stopping the machine in less than one foot per mile per hour of speed, through the integrally engaged drive system. When in neutral, the machine's movement is braked whether or not the engine is running, allowing only moderate creep on slopes.

**Freewheeling Device**—Allows machine to be moved when the engine is not running. Located on the left wheel hub, disengages the wheels from the full bevel, gear-type differential and the enclosed, grease-filled, geared transmission.

**Wheels**—Two drive wheels with 23 x 12, 4-ply, pneumatic tires are mounted on steel, disc-type wheels. The deck is supported by two heavy duty, caster-type, semi-pneumatic wheels. The rider has a single mounted, 6.50 x 8 pneumatic tire axled on two precision bearings.

36" model drive wheels: 6" wide with turf treads

48" and 60" model drive wheels: 8 1/2" wide turf treads

**Cutter Assembly**—An extra-heavy duty, rear discharge-type equipped with heat-treated and ground alloy steel mulching blades that create a lifting action to give the best finish cut while suspending the cut grass and leaves in the deck cavity where they are thoroughly mulched. The blades are mounted on hardened and ground alloy steel shafts, each supported by two precision ball bearings enclosed in heavy, machined housing. The deck is a welded assembly with 1/4" steel frame, decked with 11 gauge steel. The deck is built with skids to cross curbs and obstacles.

36" model: has a single blade 3/4" thick x 2 1/2" wide, mounted on 1 1/2" diameter shaft

48" and 60" models: each has three blades, 1/4" thick x 2 1/2" wide, mounted on 1" diameter shafts

**Engine**—Recoil start, cast iron, air-cooled, 4-cycle, gasoline.

36" and 48" models: 10 hp Kohler 241T

60" model: 16 hp Kohler 341T

**Cutting Height**—Adjustable 1" through 5".  
**Size and Weight**—Heavily constructed to assure low maintenance and long life.

36" model: 39" overall width; base weight 835 lbs.

48" model: 50" overall width; base weight 895 lbs.

60" model: 62" overall width; base weight 957 lbs.

Add the following to the base weights for the

addition of options and accessories:

electric start—25 lbs.; battery—33 lbs.;  
crate—305 lbs.

**Assembly**—The mower has been operationally tested and is shipped fully assembled and ready to operate. (Battery and gas required.)

### PERFORMANCE DATA:

**Speed**—Operates through 5 positive forward

speeds to 6 miles per hour, has a positive neutral and a reverse that automatically returns to neutral.

Slopes to 15°.

**Gasoline Consumption**—10 hp with normal usage .227 gal. per hr.; full cut, continuous operation .344 gal. per hr. 16 hp with normal usage .362 gal. per hr.; full cut, continuous usage .578 gal. per hr. Backs over curbs with ease.

### DESIGN CONSIDERATIONS:

The HT is designed to operate in finish and rough mowing applications. The front-cutting, rear discharge-type of cutter assembly rigidly supports the chassis from the front while pivoting to the side to contour with the turf. The engine is mounted in the center of the machine and exposed to assure good cooling and ease of maintenance. The operator is seated at the rear extremity of the machine to assure his safety should he separate himself from the machine for any reason. The rear seat position permits the operator to continuously look forward in normal operation.

### OPTIONS AND ACCESSORIES:

16 hp Engine—For 36" or 48" model.

Electric Start for 10 hp Engine—Kohler 241S. (Battery not included.)

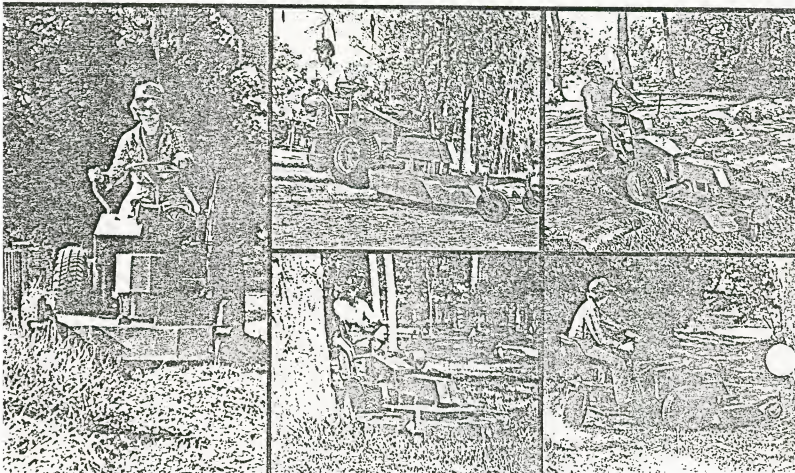
Electric Start for 16 hp Engine—Kohler 341S. (Battery not included.)

Battery—12V, 15 amp. (Required on all uncrated LTL shipments of electric start machines.)

**Crate**—Skid-mounted wooden shipping crate, available when desired and is required by common carriers on LTL shipments other than local area shipments.

**Straight Blades**—For best performance when rough cutting. (No-charge option.)

**Medium Suction Blades**—For general mowing. (No-charge option.)



# CITY OF FORT WAYNE

## DEPARTMENT OF PURCHASES

Number One Main St., Ft. Wayne, Ind. 46802

### INVITATION

Quotations, subject to the conditions on the reverse hereof, are requested on the following list of materials, supplies, equipment or services, for the Department as mentioned, with delivery to destination as shown below. Quotations shall include all charges for delivery, packing, etc. Address your reply as indicated below.

\*Mail all replies and correspondence, etc., to Attn. of Aaron M. Gluck DEPARTMENT OF PURCHASES

Room 940, Number One Main St., Ft. Wayne, Ind. 46802

Address REQUIRED FOR DELIVERY TO:

Department Park Department  
or Division 705 East State Street

Address Fort Wayne, IN 46805

RETURN ORIGINAL TO THE CITY—RETAIN DUPLICATE COPY FOR YOUR FILE

Closing  
Time of Bids Tuesday, October 19, 1982 at 10 a.m.

TAXES: THE CITY IS EXEMPT FROM FEDERAL EXCISE AND INDIANA STATE SALES TAX. THE CITY'S INDIANA SALES TAX EXEMPTION CERTIFICATE NUMBER IS NO. 3458. PRICES SHOULD NOT INCLUDE THESE TAXES. See "Instructions to Bidders" No. 10 on reverse hereof for details.

### TAX EXEMPT (Unless otherwise indicated)

Quantity	Unit	Materials, Supplies, Equipment or Services	Unit Price	Total Amount
2		Specifications for the purchase of two (2) 1982 or 1983 Riding Rotary Mowers.  Model HT 1601-60 KUT-KWICK Extra Heavy Duty Commercial Rotary Mower (Price \$5417 less \$1517 Discount = \$3900)  Per specifications as listed on "Specifications Questionnaire", Page 4.	3900. <sup>00</sup>	\$7800.
AFFIRMATIVE ACTION:				
ON FILE: _____ ATTACHED: _____				

Bid Bond required ☐ YES ☒ 5% (Attached Page 6) Performance Bond ☐ YES ☒ NO

Terms \_\_\_\_\_ % cash discount if paid within \_\_\_\_\_ days from delivery and acceptance of goods or completion of services

### PROPOSAL OR BID

In compliance with the above invitation for bids and subject to all conditions thereof, the undersigned offers and agrees, if this bid be accepted within a reasonable time from date of closing, to furnish any or all of the items or render such services upon which prices are quoted, in accordance with the specifications applying and at the price set opposite each item.

Delivery of any or all of the items or completion of services indicated shall be made within 1 days from receipt of order

**IMPORTANT**

As delivery may be a deciding factor in the award of an order, it is important that bidders furnish the information requested above.

(Sign Here)

Boardman's Gravelly Sales  
John Boardman Title Owner  
Address 1188 Manchester Ave. (P.O. Box 4  
Wabash, IN 46992  
City \_\_\_\_\_ Date 10/13/82

SPECIFICATIONS QUESTIONNAIRE

1. Engine: 16 HP Cast Iron Kohler K341S, Electric Start
2. Battery: 12 Volt 422NF (battery standard equipment)
3. Cutter Deck: Front mounted 60", wheels caster type, free floating, Cutting height 1" to 5", three 1" cutter spindles, 1/2" steel frame- 11 gauge steel deck. Medium lift 1/2" thick x 2" wide blades
4. Ground Speed Selector: Five forward speeds with a positive neutral and a reverse that automatically returns to neutral.
5. Drive Wheels: Two drive wheels with 23 X 12. 4-ply pneumatic tires, steel disc-type wheels.
6. Steering: Wheel under vertically hinged rider is turned with a heavy rack and pinion.
7. Braking: Positive brake system active with engine running or stopped
8. Operator Safety Switch: Safety Switch cuts off and stops should the operator separate himself from the machine or for any reason.
9. Safety Shielding: All belts and pulleys are fully shielded and added safety is mower deck discharges to rear to eliminate missiles being thrown to the side.

Cost Per Unit: \$3,900Delivery: ImmediateWarranty: 90 Days beginning April 1, 1983Terms: Net 30F.O.B.: Ft. Wayne, IN



*Tough mowers...  
from rough cut  
to smooth finish.*

A black and white photograph of a man operating a Kwik-Kwick HT Series rotary mower in a field. The man is wearing a light-colored shirt and dark pants, and is seated on the mower. The mower is a large, heavy-duty machine with a wide cutting deck and a large rear wheel. The background shows a line of trees and a fence.

## The HT Series

HT-1601-36 or 48 HT-1601-36 or 48 or 60

EXTRA HEAVY DUTY COMMERCIAL ROTARY MOWER

Superior performance, lowest maintenance for continuous service in finish or rough cutting. Mows 36" 48" or 60" cuts at optimum mowing speed, trims and maneuvers while assuring maximum operator comfort. Special: The 36" model offers single blade power and simplicity.

**kuik-kuick**

Telephone 912/263-1630  
Brunswick, Georgia 31520



## INVITATION

Date wanted 10/19/82

Quotations, subject to the conditions on the reverse hereof, are requested on the following list of materials, supplies, equipment or services, for the Department as mentioned, with delivery to destination as shown below. Quotations shall include all charges for delivery, packing, etc. Address your reply as indicated below.\*

\*Mail all replies and correspondence to: Att. of Aaron M. Gluck

DEPARTMENT OF PURCHASES

Room 940, Number One Main St., Ft. Wayne, Ind. 46802

ROOM 940, NUMBER ONE  
ADDRESS  
 REQUIRED FOR DELIVERY TO:

Department or Division	Park Department 705 East State Street
---------------------------	------------------------------------------

Address Fort Wayne, IN 46805

RETURN ORIGINAL TO THE CITY—RETAIN DUPLICATE COPY FOR YOUR FILE

## Closing

Time of Bids Tuesday, October 19, 1982 at 10 a.m.


TAXES: THE CITY IS EXEMPT FROM FEDERAL EXCISE AND INDIANA STATE SALES TAX. THE CITY'S INDIANA SALES TAX EXEMPTION CERTIFICATE NUMBER IS NO. 14504. PRICES SHOULD NOT INCLUDE THESE TAXES. See "Instructions to Bidders" No. 10 on reverse hereof for details.

TAX EXEMPT (Unless otherwise indicated)

PROPOSAL OR BID

In compliance with the above invitation for bids and subject to all conditions thereof, the undersigned offers and agrees, if this bid be accepted within a reasonable time from date of closing, to furnish any or all of the items or render such services upon which prices are quoted, in accordance with the specifications applying and at a price set opposite each item.

Delivery of any or all of the items or completion of services indicated shall be made within \_\_\_\_\_ days from receipt of order.

IMPORTANT 

As delivery may be a deciding factor in the award of an order, it is important that Nido furnish the information requested above.

State House

Mutton Power Equip  
 National Company  
 5612 Illinois Rd  
 FT Wayne IN 46063  
 Date 10-6

# SPECIFICATIONS QUESTIONNAIRE

1. Engine: 18 H.P commercial Briggs & Stratton
2. Battery: 12 volt standard
3. Cutter Deck: 60" deck 10 gauge  
1" spindle shafts, w Two 2 1/2 sealed ball bearings
4. Ground Speed Selector: hydrostatic drive, with  
~~Baron Rear end~~ Sundstrand 15 series
5. Drive Wheels: Baron Transmission, gears
6. Steering: 15" steering wheel saginaw steering box transmitted to rear wheel  
through rod linkage and ball joints
7. Braking: 7" drum type, hand operated parking brake
8. Operator Safety Switch: engine shuts off when deck running or  
operator leaves seat
9. Safety Shielding: yes' all belts & drive mechanisms

Cost Per Unit: \$ 6000<sup>00</sup>

Delivery: immediately

Warranty: 1 year

Terms: Net 30 DAYS

F.O.B.: \_\_\_\_\_

## CITY OF FORT WAYNE

## DEPARTMENT OF PURCHASES

Number One Main St., Ft. Wayne, Ind. 46802

## INVITATION

Quotations, subject to the conditions on the reverse hereof, are requested on the following list of materials, supplies, equipment or services, for the department as mentioned, with delivery to destination as shown below. Quotations shall include all charges for delivery, packing, etc. Address your reply as indicated below.

\*Mail all replies and correspondence, etc., to Attn. of

Aaron M. Gluck

DEPARTMENT OF PURCHASES

Room 940, Number One Main St., Ft. Wayne, Ind. 46802

## REQUIRED FOR DELIVERY TO:

Department

or Division

Park Department

705 East State Street

Address Fort Wayne, IN 46805

RETURN ORIGINAL TO THE CITY—RETAIN DUPLICATE COPY FOR YOUR FILE

Closing

Time of Bids Tuesday, October 19, 1982 at 10 a.m.

TAXES: THE CITY IS EXEMPT FROM FEDERAL EXCISE AND INDIANA STATE SALES TAX. THE CITY'S INDIANA SALES TAX EXEMPTION CERTIFICATE NUMBER IS NO. 1400. PRICES SHOULD NOT INCLUDE THESE TAXES. See "Instructions to Bidders" No. 13 on reverse hereof for details.

TAX EXEMPT (Unless otherwise indicated)

Page 1 of 6

Ref. No. 1056

Date September 20, 1982

Date wanted 10/19/82

Fund

Appropriation No.

Quantity	Unit	Materials, Supplies, Equipment or Services	Unit Price	Total Amount
		Specifications for the purchase of two (2) 1982 or 1983 Riding Rotary Mowers.	4495.	8990
AFFIRMATIVE ACTION:				
ON FILE: <input checked="" type="checkbox"/> AFFIRMATIVE ACTION: <input type="checkbox"/>				

Bid Bond required ☐ NO ☒ YES 5% Performance Bond ☐ NO ☒ YES  
 See Instruction Item No. 15 on reverse side hereof.  
 Terms NET % cash discount if paid within 30 days from delivery and acceptance of goods or completion of service.

## PROPOSAL OR BID

In compliance with the above invitation for bids and subject to all conditions thereof, the undersigned offers and agrees, if this bid be accepted within a reasonable time from date of closing, to furnish any or all of the items or render such services upon which prices are quoted, in accordance with the specifications applying and at the prices set opposite each item.

Delivery of any or all of the items or completion of services indicated shall be made within        days from receipt of order

IMPORTANT ☒

As delivery may be a deciding factor in the award of an order, it is important that bidders furnish the information requested above.

Sign Here:

ALLEN COUNTY TRACTOR SALES INC

By Dr. [Signature] Title pres.Address 4625 SPEEDWAY DRCity FT WAYNE IN Date 10-8-82

SPECIFICATIONS QUESTIONNAIRE

1. Engine: 18 HP KOHLER AIR COOLED
2. Battery: 12 VOLT INCLUDED
3. Cutter Deck: 60" FREE FOLDING - 14 GA. REINFORCED W/11 GA STEEL. 3 SPINDLE 3/4 IN DOUBLE BEARING - PTO DRIVEN - 1 1/2 TO 4 1/2
4. Ground Speed Selector: HYDRSTATIC DRIVE - DANA GT 20 DIFFERENTIAL HARDEND GEARS - INFINITE SPEED - 0 - 5.88 MPH
5. Drive Wheels: 18 X 9.50 X 8 TURF
6. Steering: WHEEL TO REAR WHEEL
7. Braking: AS REQUIRED
8. Operator Safety Switch: SHUT OFF TYPE
9. Safety Shielding: YES

Cost Per Unit: \$ 4495.<sup>00</sup>

Delivery: 30 DAYS FROM ORDER

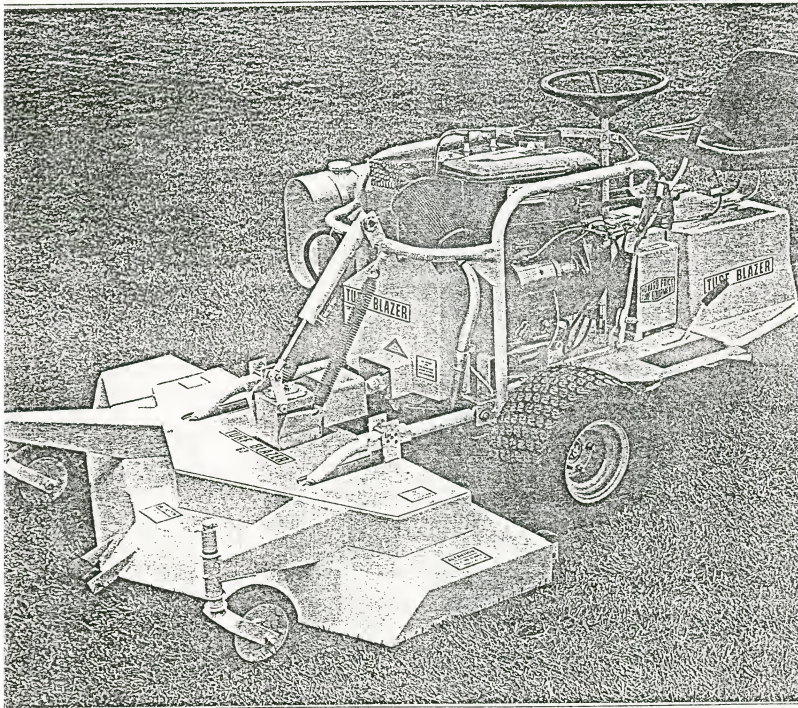
Warranty: ~~30 DAYS FROM ORDER~~ 1 YEAR.

Terms: NET 30

F.O.B.: FT WAYNE PARK DEPT.

# TURF BLAZER

COMMERCIAL FRONT CUTTING ROTARIES



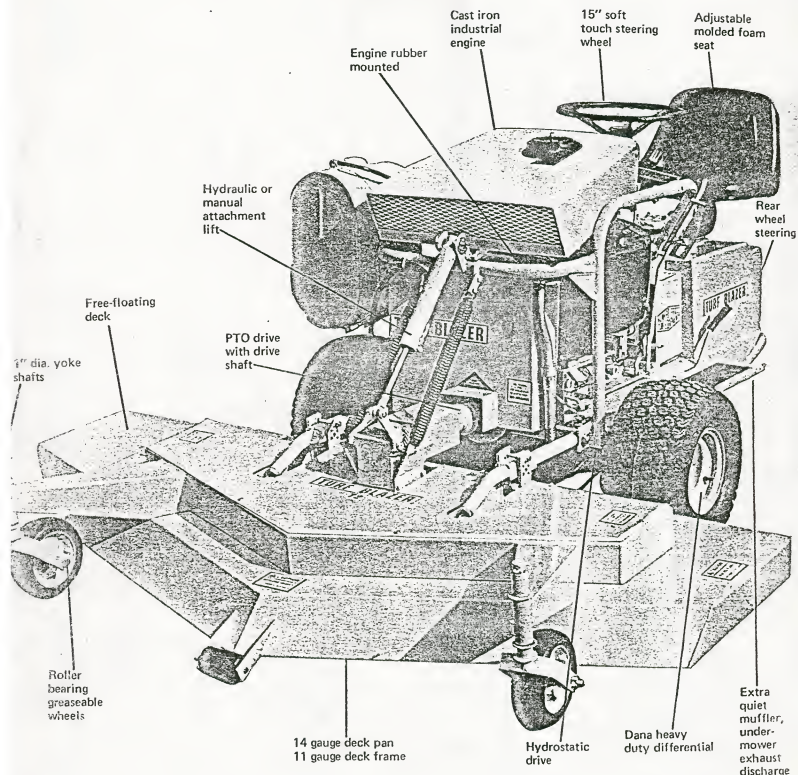
Manufactured by

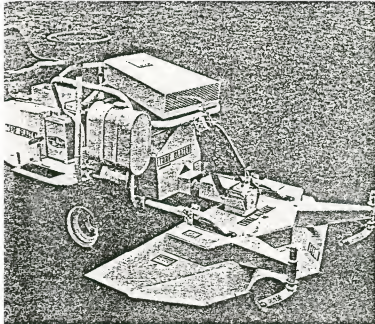
**HOWARD PRICE  
TURF EQUIPMENT**

18155 Edison Avenue  
Chesterfield, Mo. 63017



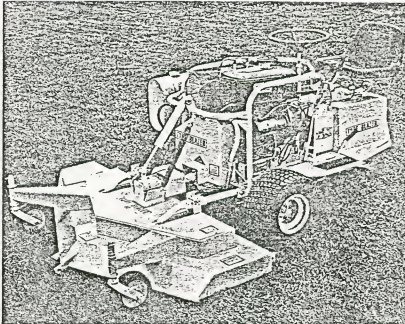
# PROFESSIONAL FEATURES OF THE TURF BLAZER MOWER





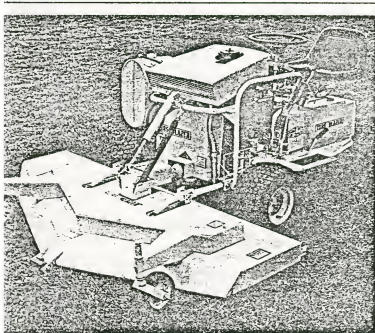
## **TURF BLAZER 48" or 60"**

Kohler 18 HP Engine



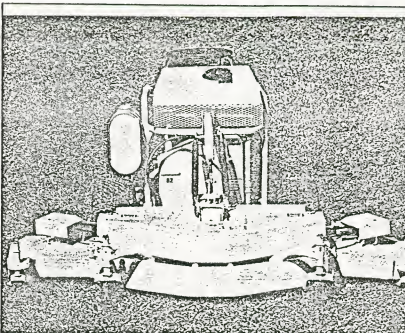
## **TURF BLAZER 60"**

Wisconsin 18 HP Engine



## **TURF BLAZER 72"**

Kohler 19.9 HP Engine



## **TURF BLAZER 82"**

Kohler 19.9 HP Engine

The Turf Blazer mower with forward mounted cutting head affords maximum visibility, non-tracking performance and unparalleled trimming capabilities around and under bushes, chains, guard rails, picnic tables, etc. By having your cutting head out in front, independently attached, you can actually see the mower following the contour of the ground, not the tractor. The Turf Blazer mower with hydrostatic transmission enables you to set your cutting speed to an infinite range, between the speeds of 0 and 5.88 M.P.H., depending on your mowing conditions. With our attachment line which includes an independently powered vacuum with a container that can be dumped from the operator's seat, and our snow removal equipment which includes a snow thrower, snow blade, broom and an all weather cab, this makes the Turf Blazer a machine for all seasons.



# SPECIFICATIONS

ENGINES	Engines used on Turf Blazer mowers are industrial cast iron equipped with either roller or ball bearings supporting the crankshaft. Valves are stellite for extra long life. Each engine is rubber mounted for smooth operation. Exhaust is extra quiet with discharge under tractor.
ENGINE SPECS	<p>Kohler Model K582S, horizontally opposed, 2 cylinder with 57.7 cubic inch displacement developing 19.9 HP at 2600 RPM.</p> <p>Wisconsin Model TJD 18 HP, 2 cylinder, with displacement of 53.9 cubic inches.</p> <p>Kohler Model K361S, sychro-balanced single cylinder, 35.9 cubic inch displacement which develops 18 HP at 3400 RPM.</p>
TRANSAXLE	Transmission is Sunstrand hydrostatic-15 series. This transmission enables instant forward and reverse with infinite speed variation between 0 and 5.88 m.p.h. Differential is heavy duty Dana GT-20. Hardened automotive gears and axles mounted in ball bearings.
BRAKES	Incorporated in the transmission, enables stopping at any speed. Alternative brake is disc type which can be locked in for parking.
FRAME	Welded 1 1/4"-14 gauge steel tubing with 3/16" sheet steel decking. Rear steering frame is 1" x 4" solid steel. Steering is by gears and chain to tapered roller bearing supported rear yoke, thus enabling the tractor to have a 0 turning radius.
WHEELS	Drive wheels 18 x 9.50 x 8 two ply tubeless. Rear steering tire 16 x 6.50 x 8. Drive wheels are mounted on 5 lug hubs which are mounted on splined axled for extra strength.
WHEELS CUTTING SECTION	Front - semi-pneumatic 8.25 x 2.75 with roller bearings. Mounted on swivels with 1" yoke shaft.
CUTTING SECTION	Drive. Power take-off drive shaft from engine to center cutting unit. Right angle gear box with special heavy duty gears mounted in tapered roller bearings. Cutting height has quick adjustment from 1 1/2" to 4 1/2".
BLADE & SPINDLE	Blades are 3/4" thick, tempered alloy steel with high lift pitch for extra suction. Spindles are all steel with 3/4" steel shaft mounted in double seal agricultural bearings. Each spindle is packed with grease and equipped with grease fittings for extra long life. Deck pan is a 14 gauge formed steel housing. The blade spindles are mounted on a 3/16" steel formed channel and welded to 11 gauge upper framework.

Sold and Serviced By:

ALLEN COUNTY TRACTOR SALES  
4525 SPEEDWAY DRIVE  
FORT WAYNE, INDIANA 46825  
422-1419

Admn. Appr. \_\_\_\_\_

DIGEST SHEET

S-82-11-02

TITLE OF ORDINANCE \_\_\_\_\_

DEPARTMENT REQUESTING ORDINANCE Parks and Recreation Department

SYNOPSIS OF ORDINANCE An ordinance to ratify the bid for the purchase of two (2) 60" Riding Mowers for the Parks.

EFFECT OF PASSAGE To replace 10 year old riding mowers and to provide reliable equipment necessary for effective maintenance of park lands.

EFFECT OF NON-PASSAGE Unable to maintain a high quality of park lands as the current riding mowers have worn parts and engines are subject to break-down and repair.

MONEY INVOLVED (Direct Costs, Expenditures, Savings) \_\_\_\_\_

ASSIGNED TO COMMITTEE (J.N.) \_\_\_\_\_

DATE SUBMITTED \_\_\_\_\_